## INTERNATIONAL SEARCH REPORT

Intet nal Application No
PC171B2004/052332

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H02M3/335								
According to International Patent Classification (IPC) or to both national classification and IPC								
	SEARCHED	ation and IPC						
Minimum documentation searched (classification system followed by classification symbols)  IPC 7 H02M								
Documentation searched other than minimum documentation to the extent that such documents are included. In the fields searched								
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)								
EPO-In	ternal, WPI Data, PAJ, INSPEC							
C. DOCUMENTS CONSIDERED TO BE RELEVANT								
Category °	Citation of document, with indication, where appropriate, of the rel	levant passages	Relevant to dalm No.					
х	US 6 373 722 B1 (MALIK RANDHIR S ET AL) 16 April 2002 (2002-04-16)		1					
Υ	10 April 2002 (2002-04-16)		2-5,7					
	column 3, lines 5-15 claim 1 figure 2	,						
Υ	DE 32 10 567 A1 (ANT NACHRICHTENT GMBH; ANT NACHRICHTENTECHNIK GMBH BACKNAN) 2 February 1984 (1984-02 page 8, lines 13-17 figure 1	2-5,7						
А	US 5 781 420 A (XIA ET AL) 14 July 1998 (1998-07-14) cited in the application abstract figure 1	1-7						
Further documents are listed in the continuation of box C.     X   Patent family members are listed in annex.								
*T* later document published after the International filing date or priority date and not in conflict with the application but clied to understand the principle or theory underlying the invention								
"E" earlier document but published on or after the international filing date  "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone								
which citation "O" docume	which is cited to establish the publication date of another citation or other special reason (as specified)  "O" document referring to an oral disclosure, use, exhibition or document is combined with one or more other such document is combined with one or more other such document.							
other means  "P" document published prior to the international filing date but later than the priority date claimed  "B" document published prior to the international filing date but later than the priority date claimed  "B" document member of the same patent family								
Date of the actual completion of the international search  Date of mailing of the international search report								
_ 2	6 January 2005	02/02/2005						
Name and mailing address of the ISA		Authorized officer						
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Roider, A						

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